



ENERGY STAR CERTIFIED

## Uninterruptible Power Supplies

### Schneider Electric - Galaxy VS UPS 100kW 480V for up to 5 internal 9Ah smart modular battery strings, Start-up 5x8 : GVSUPS100K0B5GS

#### Specifications

Brand Name:	Schneider Electric
Model Name:	Galaxy VS UPS 100kW 480V for up to 5 internal 9Ah smart modular battery strings, Start-up 5x8
Model Number:	GVSUPS100K0B5GS
Power Conversion Mechanism:	Static
Minimum Configuration Tested Model Number:	GVSUPS80K0B5GS
Active Output Power Rating Minimum Configuration (W):	80000
Apparent Output Power Rating Minimum Configuration (VA):	80000
Maximum Configuration Tested Model Number:	GVSUPS100K0B5GS
Active Output Power Rating Maximum Configuration (W):	100000
Topology (ac):	Multi-Mode Double Conversion
Topology and Product Type Combined:	ac - Other
Application:	Data Center
Rated Input Voltage (V rms):	480-480
Rated Input Frequency (Hz):	50-60
Rated Output Voltage (V):	480-480
Rated Output Frequency (Hz):	50-60
Rack Mountable:	No
Height (mm):	1970
Width (mm):	550
Depth (mm):	847
Normal Mode(s) Input Dependency Characteristic (ac):	Voltage and Frequency Independent,Voltage and Frequency Dependent
Modular UPS:	No
Number of Normal Modes:	Multiple-normal-mode
Default Normal Mode (ac):	Voltage and Frequency Independent
Test Input Voltage (V rms):	480
Test Input Frequency (Hz):	60

<b>Test Output Voltage (V):</b>	480
<b>Test Output Frequency (Hz):</b>	60
<b>Total Input Power in W at 0% Load Min Config Lowest Dependency (ac):</b>	478.12
<b>Total Input Power in W at 0% Load Min Config Highest Dependency (ac):</b>	283.71
<b>Efficiency at 25% Load Min Config Lowest Dependency (ac):</b>	95.3
<b>Efficiency at 25% Load Min Config Highest Dependency (ac):</b>	98.4
<b>Efficiency at 50% Load Min Config Lowest Dependency (ac):</b>	96.4
<b>Efficiency at 50% Load Min Config Highest Dependency (ac):</b>	99.0
<b>Efficiency at 75% Load Min Config Lowest Dependency (ac):</b>	96.7
<b>Efficiency at 75% Load Min Config Highest Dependency (ac):</b>	99.2
<b>Efficiency at 100% Load Min Config Lowest Dependency (ac):</b>	96.7
<b>Efficiency at 100% Load Min Config Highest Dependency (ac):</b>	99.3
<b>Weighted Efficiency Calc Min Config Lowest Dependency:</b>	96.2
<b>Weighted Efficiency Calc Min Config Highest Dependency:</b>	98.9
<b>Minimum Configuration Input Power Factor Highest-Input Dependency:</b>	0.98
<b>Total Input Power in W at 0% Load Max Config Lowest Dependency (ac):</b>	463.62
<b>Total Input Power in W at 0% Load Max Config Highest Dependency (ac):</b>	281.91
<b>Efficiency at 25% Load Max Config Lowest Dependency (ac):</b>	95.7
<b>Efficiency at 25% Load Max Config Highest Dependency (ac):</b>	98.6
<b>Efficiency at 50% Load Max Config Lowest Dependency (ac):</b>	96.6
<b>Efficiency at 50% Load Max Config Highest Dependency (ac):</b>	99.1
<b>Efficiency at 75% Load Max Config Lowest Dependency (ac):</b>	96.7
<b>Efficiency at 75% Load Max Config Highest Dependency (ac):</b>	99.3
<b>Efficiency at 100% Load Max Config Lowest Dependency (ac):</b>	96.6
<b>Efficiency at 100% Load Max Config Highest Dependency (ac):</b>	99.3
<b>Weighted Efficiency Calc Max Config Lowest Dependency:</b>	96.4

<b>Weighted Efficiency Calc Max Config Highest Dependency:</b>	99.0
<b>Maximum Configuration Input Power Factor Lowest-Input Dependency:</b>	1.0
<b>Maximum Configuration Input Power Factor Highest-Input Dependency:</b>	1.0
<b>Efficiency (%):</b>	96.2
<b>Modular UPS Module Tested Model Number:</b>	N/A
<b>Energy Storage Mechanism:</b>	Battery
<b>Energy Storage System Technology:</b>	Valve Regulated Lead-acid Battery
<b>Energy Storage System Configuration:</b>	Integral
<b>Energy Storage System Removable to Another Room:</b>	No
<b>Energy Storage System Runtime at 100% Load (min.):</b>	N/A
<b>Energy Storage System Runtime at 50% Load (min.):</b>	N/A
<b>Energy Storage System Warranty (yrs):</b>	N/A
<b>Energy Storage System Information URL:</b>	N/A
<b>Battery Recycling URL:</b>	<a href="https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp">https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp</a>
<b>Network Connections Available:</b>	Serial Port,Ethernet
<b>Communication Protocols:</b>	HTTP,HTTPS,Modbus TCP,SNMP (v1, 2 or 3),Modbus RTU
<b>Manufacturer Take Back Program:</b>	Yes
<b>Manufacturer Take Back Program URL:</b>	<a href="https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp">https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp</a>
<b>Model Web Page URL:</b>	<a href="https://www.apc.com/shop/us/en/products/P-GVSUPS100K0B5GS">https://www.apc.com/shop/us/en/products/P-GVSUPS100K0B5GS</a>
<b>Test Method Guidelines:</b>	<a href="https://www.apc.com/us/en/who-we-are/sustainability/">https://www.apc.com/us/en/who-we-are/sustainability/</a>
<b>Date Available on Market:</b>	2020-02-28
<b>Date Certified:</b>	2020-03-12
<b>Markets:</b>	United States, Canada
<b>ENERGY STAR Certified:</b>	Yes

## Additional Model Information

**Captured On:**  
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